

Human Neuropathy target esterase ELISA Kit | PNPLA6 elisa kit

Human Neuropathy target esterase ELISA Kit

CATALOG #
AAA194765

REACTIVITY
Human

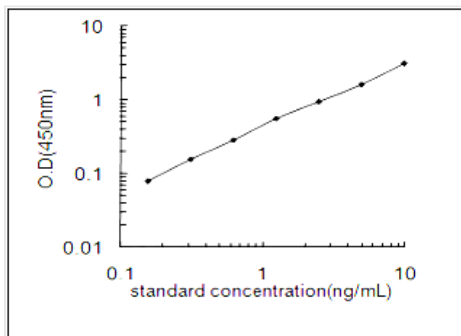
PRODUCT SYNONYMS

Neuropathy target esterase; Human Neuropathy target esterase ELISA Kit; Patatin-like phospholipase domain-containing protein 6; PNPLA6; NTE; 3.1.1.5; PNPLA6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human NTE. No significant cross-reactivity or interference was observed.
Sequence Length	1375
Assay Type	Sandwich
Detection Range	0.156-10 ng/mL
Sensitivity	21 pg/mL
Intra-Assay CV	<=4.6%
Inter-Assay CV	<=7.7%
Recovery	96%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PNPLA6 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human neuropathy target esterase,NTE concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to NTE. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for NTE and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain NTE, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of NTE in the samples is then determined by comparing the O.D. of the samples to the standard curve.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	260656037
NCBI GeneID	10908
NCBI Accession #	NP_001159583.1
NCBI GenBank Nucleotide #	NM_001166111.1
UniProt Accession #	Q8IY17; O60859; Q86W58; Q9UG58; A6NGQ0; B4DFB9; B7Z7T2; F5H5K9; J3KQS3
Molecular Weight	143,351 Da
NCBI Official Full Name	neuropathy target esterase isoform a
NCBI Official Synonym Full Names	patatin like phospholipase domain containing 6
NCBI Official Symbol	PNPLA6
NCBI Official Synonym Symbols	NTE; sws; BNHS; LNMS; OMCS; SPG39; NTEMND; iPLA2delta
NCBI Protein Information	neuropathy target esterase
UniProt Protein Name	Neuropathy target esterase
UniProt Gene Name	PNPLA6
UniProt Synonym Gene Names	NTE
UniProt Entry Name	PLPL6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.